

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	("5565706"   "6271469").PN. OR ("6680529").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:00
L2	12	("5703400"   "5757022"   "5825080"   "5841193"   "5886401"   "6057593"   "6087719"   "6239482"   "6400573"   "6650009"   "6680529").PN. OR ("6960826").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:16
L3	35	("4322778"   "4672421"   "5049978"   "5280192"   "5315486"   "5331203"   "5391917").PN. OR ("5565706").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:13
L4	18	("20010040285"   "20020020898"   "20030134455"   "20030197284"   "20040070083"   "20050205978"   "5581122"   "5866953"   "6165815"   "6365966"   "6396136"   "6506632"   "6555917"   "6680529"   "6706557"   "6847105"   "6989285"   "7019406").PN. OR ("7199459").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:02
L5	9	("4356374"   "4997791"   "5882957"   "6093584"   "6093970"   "6399418").PN. OR ("6506632").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:08
L6	38	("4530152"   "5200362"   "5436203"   "5468999"   "5487999"   "5557150"   "6001671").PN. OR ("6093584").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:28
L7	49	("3759767"   "4017886"   "4040891"   "4141712").PN. OR ("4356374").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:11
L8	16	("5073814"   "5108825"   "5161093"   "5306670"   "5347091"   "5432677"   "5452182").PN. OR ("6400573").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:31
L9	37	("4096521"   "4835704"   "4894115"   "5250843"   "5324687"   "5353498"   "5359496"   "5434751"   "5497033"   "5527741"   "5532512"   "5569487"   "5637922"   "5675310"   "5683928"   "5703400"   "5736448"   "5888837").PN. OR ("6239482").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:33

## EAST Search History

L10	55	("4630096"   "4827328"   "4860166"   "4907062"   "5049980"   "5091769"   "5111278"   "5250843"   "5315486").PN. OR ("5841193").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:39
L11	51	("4074342"   "4783695"   "4894115"   "4933042"   "4941033"   "5055907"   "5108825"   "5192716"   "5353195"   "5353498"   "5452182").PN. OR ("5703400").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 17:25
L12	68	("20010010627"   "20020070443"   "20020074641"   "20020137263"   "3343255"   "3407479"   "3903590"   "4400870"   "4731700"   "5013871"   "5048179"   "5049980"   "5111278"   "5250843"   "5291066"   "5324687"   "5353195"   "5353498"   "5359496"   "5384955"   "5409865"   "5422513"   "5455457"   "5457299"   "5497033"   "5514906"   "5527741"   "5696666"   "5703400"   "5745984"   "5801070"   "5841193"   "5856705"   "5889654"   "5894108"   "5895229"   "5977639"   "5998859"   "6013953"   "6025995"   "6091250"   "6117704"   "6127833"   "6154366"   "6160311"   "6180881"   "6184570"   "6221694"   "6232667"   "6239482"   "6265759"   "6271469"   "6274391"   "6288905"   "6306680"   "6320127"   "6368894"   "6380615"   "6389689"   "6396136"   "6407334"   "6423566"   "6423570"   "6489185"   "6586822").PN. OR ("7078788").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:52
L13	13	("5111278"   "5703400"   "5783870"   "5821626"   "6031284"   "6075712"   "6077757"   "6271469"   "6355976").PN. OR ("6964887").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 19:07
L14	23	("4783695"   "4933042"   "5111278"   "5250843"   "5353195"   "5353498"   "5497033"   "5527741"   "5576925"   "5675310"   "5683928"   "5703400"   "5736448"   "5774326"   "5874770"   "5973908"   "6236115"   "6284564"   "6306680").PN. OR ("6396153").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:01

## EAST Search History

L15	29	("4376329"   "4378382"   "4481283"   "4508049"   "4603059"   "5036020"   "5250451"   "5262201"   "5431963"   "5480686"   "5516500"   "5524339"   "5563762"   "5569487"   "5576925"   "5601902"   "5638251"   "5774326").PN. OR ("5973908").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 19:20
L16	7	("5157589"   "5524339"   "5565706"   "6025995"   "6759268").PN. OR ("6861284").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:21
L17	43	("3899361"   "3899362"   "3902925"   "3998662"   "4672421"   "4695872"   "4739389"   "4783695"   "4811082"   "4894115").PN. OR ("5049978").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 18:24
L19	40	("4074342"   "5032896"   "5436197"   "5514613"   "5640049"   "5731223"   "5825080").PN. OR ("6075712").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 19:12
L20	53	("4811082"   "5239198"   "5528209"   "5600257"   "5608261"   "5629383"   "5702984"   "5764070"   "5772451"   "5811868"   "5870289"   "5903050"   "5926359"   "5974662"   "5977640"   "6027980"   "6075712").PN. OR ("6222246").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/16 19:16
L21	4	257/E23.008	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 19:31
L22	0	257/E23.073	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 19:31
L23	22	257/E23.174	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 19:32

## EAST Search History

L24	16	257/E23.193	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 19:32
L25	1	257/E23.029	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 19:33
L26	3545	257/676	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 19:52
L27	4385	257/686	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 20:04
L28	32	(semiconductor or die or dice or chip or IC) with embed\$3 and (substrate or carrier) with (semiconductor or silicon\$1 or "Si") and pad with both near (surfaces or sides) with (substrate or carrier)	USPAT	OR	ON	2007/08/16 19:57
L29	70	(semiconductor or die or dice or chip or IC) with embed\$3 and (substrate or carrier) with (semiconductor or silicon\$1 or "Si") and (contact or terminal) with both near (surfaces or sides) with (substrate or carrier)	USPAT	OR	ON	2007/08/16 19:57
L30	50	29 not 28	USPAT	OR	ON	2007/08/16 19:57
L31	265	257/689	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 20:38

## EAST Search History

L32	1250	257/728	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 20:47
L33	905	257/735	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 20:55
L34	1275	357/75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 21:05
L35	3411	357/74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/16 21:05
S1	2	"20040159960"	US-PGPUB; USPAT	OR	OFF	2007/08/16 13:18
S2	2	"5377031".pn. or "20020030267"	US-PGPUB; USPAT	OR	OFF	2007/08/16 13:20
S3	1	"20060278976"	US-PGPUB; USPAT	OR	OFF	2007/08/16 13:47
S5	15815	(semiconductor or die or dice or chip or IC) with embed\$3	USPAT	OR	ON	2007/08/16 13:51
S6	6471	(semiconductor or die or dice or chip or IC) with embed\$3 and (substrate or carrier) with (semiconductor or silicon\$1 or "Si")	USPAT	OR	ON	2007/08/16 19:53
S7	1335	(semiconductor or die or dice or chip or IC) with embed\$3 and (carrier) with (semiconductor or silicon\$1 or "Si")	USPAT	OR	ON	2007/08/16 13:53